

## Environmental Protection Agency

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schedule or plan ordered or approved by a court of competent jurisdiction, the Environmental Protection Agency or an Air or Water Pollution Control Agency in accordance with the requirements of the Air Act or Water Act and regulations.

(6) The term *Facility* means any building, plant, installation, structure, mine, vessel, or other floating craft, location, or site of operations, owned, leased, or supervised by a contractor or subcontractor, to be used in the performance of a contract or subcontract. Where a location or site of operations contains or includes more than one building, plant, installation, or structure, the entire location or site shall be deemed to be a facility except where the Director, Office of Federal Activities, Environmental Protection Agency, determines that independent facilities are located in one geographical area.

### 17. BUY AMERICAN

In accordance with section 215 of the Clean Water Act, and implementing EPA regulations and guidelines, the contractor agrees that preference will be given to domestic construction material by the contractor, subcontractors, materialmen, and suppliers in the performance of this contract.

[43 FR 44049, Sept. 27, 1978, as amended at 44 FR 37596, June 27, 1979; 44 FR 39340, July 5, 1979]

## APPENDIX D TO SUBPART E OF PART 35— EPA TRANSITION POLICY—EXISTING CONSULTING ENGINEERING AGREEMENTS

### A. ACCESS TO RECORDS—AUDIT

1. *Access clause.* After June 30, 1975, a construction grant for Steps 1, 2 or 3 will not be awarded nor will initiation of Step 1 work be approved under 40 CFR 35.917(e) or 35.925-18(a)(3), unless an acceptable records and access clause is included in the consulting engineering subagreement. The clause contained in appendix C-1 shall be used on or after March 1, 1976. The clause required by former PG-53 or approved as an alternate thereto may be used for all contracts under grants awarded before March 1, 1976.

2. *EPA exercise of right of access to records.* Under applicable statutory and regulatory provisions, EPA has a broad right of access to grantees' consulting engineers' records pertinent to performance of EPA project work. The extent to which EPA will exercise this right of access will depend upon the nature of the records and upon the type of agreement.

a. In order to determine where EPA shall exercise its right of access, engineers' project-related records have been divided into three categories:

(1) *Category A:* Records that pertain directly to the professional, technical and other services performed, excluding any type of financial records of the consulting engineer.

(2) *Category B:* Financial records of the consulting engineer pertaining to the direct costs of professional, technical and other services performed, excluding financial records pertaining to profit and overhead or other indirect costs.

(3) *Category C:* Financial records of the consulting engineer excluded from category B.

b. In all cases, EPA will exercise its right of access to Category A records. Also, where there is an indication that fraud, gross abuse, or corrupt practices may be involved, EPA will exercise its right of access to records in all categories. Otherwise, access to consulting engineers' financial records (categories B and C) will depend principally upon the method(s) of compensation stipulated in the agreement:

(1) *Agreements based upon a percentage of construction cost.* Category B and C records will not be audited. However, terms of the agreement, including the total amount of compensation, will be evaluated for fairness, reasonableness, and consistency with historical and advisory guidelines in general use and acceptable locally. These guidelines include those in ASCE manual 45 or other analyses or data which the contracting parties relied on or used in negotiation of the agreement. Such evaluation shall also consider comparable contracts for which EPA grants have been awarded.

(2) *Agreements based upon salary cost times a multiplier including profit.* Category B records will be audited. Category C records will not be audited. However, terms of the agreement, including the total amount of compensation and the multiplier, will be evaluated for fairness and reasonableness and consistency with historical and advisory guidelines in general use and acceptable locally. These guidelines include those in ASCE manual 45 or other analyses or data which the contracting parties relied on or used in negotiation of the agreement. Such evaluation shall also consider comparable contracts for which EPA grants have been awarded. Items of overhead or other indirect costs will only be audited to the extent necessary to assure that types of costs found both in overhead and reimbursable direct costs, if any, are properly charged.

(3) *Per diem agreements.* Category B records will be audited. Category C records will not be audited. Audit will be performed to the extent necessary to determine that hours claimed and classes of personnel used were properly supported. The per diem rates will be evaluated according to the appropriate portions of paragraphs A.2.b. (1) and (2) of this appendix.

(4) *Cost plus a fixed fee (profit).* All direct costs, overhead, and other indirect costs claimed will be audited to determine that they are reasonable, allowable, and properly supported by the consulting engineer's records. The amount of fixed fee will not be questioned unless the total compensation appears unreasonable when evaluated according to paragraphs A.2.b. (1) and (2) of this appendix.

(5) *Fixed price lump sum contracts.* Category B and C records will not be audited. The contract amount will not be questioned unless the total compensation appears unreasonable when evaluated in accordance with appropriate portions of paragraphs A.2.b. (1) and (2) of this appendix.

c. If an agreement covers both grant-eligible and ineligible work, access to records will be exercised to the extent necessary to allocate contract work or costs between work grant-eligible for title II construction grant assistance and ineligible work or costs.

d. Under agreements that use two or more methods of compensation, each part of the agreement will be separately audited according to the appropriate paragraph of paragraph (b)(2) of this section.

e. Any audited firm and the grantee will be afforded opportunity for an audit exit conference and an opportunity to receive and comment upon the pertinent portions of each draft audit report. The final audit report will include the written comments, if any, of the audited parties in addition to those of the appropriate State and/or Federal agency(ies).

#### B. TYPE OF CONTRACT

1. The percentage-of-construction-cost type of contract, and the multiplier contract, where the multiplier includes profit, may not be used for step 1 or step 2 work initiated after June 30, 1975, when the step 1 or step 2 grant is awarded after June 30, 1975. (A multiplier type of compensation may be used only under acceptable types of contracts; see 40 CFR 35.937-1(d).)

2. Step 1 and step 2 work performed under the percentage-of-construction-cost type of contract and the multiplier contract, where the multiplier includes profit, will be reimbursed and such contracts will not be questioned where such costs are reimbursed in conjunction with a step 3 grant award within the scope of step 2 work contracted for prior to July 1, 1975. However, the current step 2 work will not be continued indefinitely for multiple, subsequent step 3 projects in order to avoid modifying the consultant agreement.

3. Where step 2 work is initiated after June 30, 1975, under contracts prohibited by paragraphs B.1. and B.2. of this appendix, EPA approval may not be given nor grant assistance awarded until the contract's terms of compensation have been renegotiated.

4. Establishing an "upset" figure (an upper limit which cannot be exceeded without a formal amendment to the agreement) under a multiplier contract, where the multiplier includes profit, is not acceptable where renegotiation of such contracts is required. In such renegotiation, the amount of profit must be specifically identified.

5. Total allowable contract costs for grant payment for a contract based on a percentage-of-construction-cost will be based on the following:

a. Where work for the design step is essentially continuous from start of design to bidding, and bid opening for step 3 construction occurs within 1 year after substantial completion of step 2 design work, the total allowable contract costs for grant payment may not exceed an amount based upon the low, responsive, responsible bid for construction.

b. Where work for the design step is not essentially continuous from start of design to bidding, or 1 year or more elapses between substantial completion of step 2 design work and bid opening for step 3 construction, the total allowable contract costs for grant payment may not exceed an amount based upon the lower of:

(1) The consulting engineer's construction cost estimate provided at the time of such substantial completion plus an escalation of this construction cost estimate of up to 5 percent, but not to exceed the consulting engineer's total compensation based on the low, responsive, responsible bid for construction, or

(2) The consulting engineer's construction cost estimate provided at the time of such substantial completion plus a consulting engineer's compensation escalation not to exceed \$50,000, but not to exceed the consulting engineer's total compensation based upon the low, responsive, responsible bid for construction.

c. Where the low, responsive, responsible bid for construction would have resulted in a higher consulting engineer's total compensation than paragraph b. of this clause, provides, the Regional Administrator may also consider a reasonable additional compensation for updating the plans and specifications, revising cost estimates, or similar services.

d. The limitations of paragraph B5 apply to all grants awarded under subpart E except that—

(1) If the Regional Administrator had made final payment on a project before December 17, 1975, the limitations do not apply; and

(2) For other projects on which construction for the building and erection of a treatment works was initiated prior to December 17, 1975, the limitations do not apply to any request for engineering fee increases attributable to construction contract awards or

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change orders approved by the grantee prior to December 17, 1975.

6. Where renegotiation is required under this appendix D, such renegotiation is subject to 40 CFR 35.937-1, 35.937-6, 35.937-7, 35.937-9, and 35.937-10.

### C. ANNOUNCEMENT AND SELECTION

The requirements of 40 CFR 35.937-2 through 35.937-4 shall not apply to step 1 work where the step 1 grant was awarded or the initiation of step 1 work was approved by EPA (under 40 CFR 35.917(e)) before March 1, 1976, nor to subsequent step 2 and step 3 work in accordance with 40 CFR 35.937-2(d), if the grantee is satisfied with the qualifications and performance of the engineer employed.

### D. REQUIRED CONSULTING ENGINEERING PROVISIONS

Effective March 1, 1976, the subagreement clauses required under appendix C-1 must be included in the consulting engineering subagreement before grant assistance for step 1, 2 or 3 will be awarded and before initiation of step 1 work will be approved under 40 CFR 35.917(e) or 35.925-18(a) 3.

### E. ENFORCEMENT

1. Refusal by a consulting engineer to insert the required access clause, or to allow access to its records, or to renegotiate a consulting engineering contract according to the foregoing requirements, will render costs incurred under such contract unallowable. Accordingly, all such costs will be questioned and disallowed pending compliance with this appendix.

2. Where the Regional Administrator determines that the time required to comply with the access to records and type of contract provisions of this appendix will unduly delay award of grant assistance, he may award the grant assistance conditioned upon compliance with this appendix within a specified period of time. In such event, no grant payments for the affected engineering work may be made until such compliance has been obtained.

### APPENDIX E TO SUBPART E OF PART 35— INNOVATIVE AND ALTERNATIVE TECHNOLOGY GUIDELINES

1. *Purpose.* These guidelines provide the criteria for identifying and evaluating innovative and alternative waste water treatment processes and techniques. The Administrator may publish additional information.

2. *Authority.* These guidelines are provided under section 304(d)(3) of the Clean Water Act.

3. *Applicability.* These guidelines apply to:

a. The analysis of innovative and alternative treatment processes and techniques under §35.917-1(d)(8);

b. Increased grants for eligible treatment works under §§35.930-5 (b) and (c) and 35.908(b)(1);

c. The funding available for innovative and alternative processes and techniques under §35.915-1(b);

d. The funding available for alternatives to conventional treatment works for small communities under §35.915-1(e);

e. The cost-effectiveness preference given innovative and alternative processes and techniques in section 7 of appendix A to this subpart;

f. The treatment works that may be given higher priority on State project priority lists under §35.915(a)(1)(iii);

g. Alternative and innovative treatment systems in connection with Federal facilities;

h. Individual systems authorized by §35.918, as modified in that section to include unconventional or innovative sewers;

i. The access and reports conditions in §35.935-20.

4. *Alternative processes and techniques.* Alternative waste water treatment processes and techniques are proven methods which provide for the reclaiming and reuse of water, productively recycle waste water constituents or otherwise eliminate the discharge of pollutants, or recover energy.

a. In the case of processes and techniques for the treatment of effluents, these include land treatment, aquifer recharge, aquaculture, silviculture, and direct reuse for industrial and other nonpotable purposes, horticulture and revegetation of disturbed land. Total containment ponds and ponds for the treatment and storage of waste water prior to land application and other processes necessary to provide minimum levels of preapplication treatment are considered to be part of alternative technology systems for the purpose of this section.

b. For sludges, these include land application for horticultural, silvicultural, or agricultural purposes (including supplemental processing by means such as composting or drying), and revegetation of disturbed lands.

c. Energy recovery facilities include codisposal measures for sludge and refuse which produce energy; anaerobic digestion facilities (*Provided*, That more than 90 percent of the methane gas is recovered and used as fuel); and equipment which provides for the use of digester gas within the treatment works. Self-sustaining incineration may also be included provided that the energy recovered and productively used is greater than the energy consumed to dewater the sludge to an autogenous state.

d. Also included are individual and other onsite treatment systems with subsurface or other means of effluent disposal and facilities constructed for the specific purpose of septage treatment.